

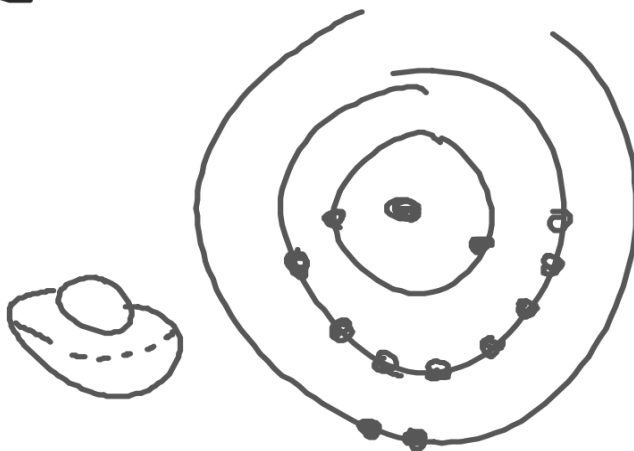
Homework  
key at  
SLIDE 10  
24  
12 Mg

$P^+ \quad 12$   
 $n^0 \quad 24 - 12 = 12$   
 $e^- \quad 12$

$ne - 2 \Rightarrow PT \rightarrow ZA$

All  $e^-$  go on Bohr model

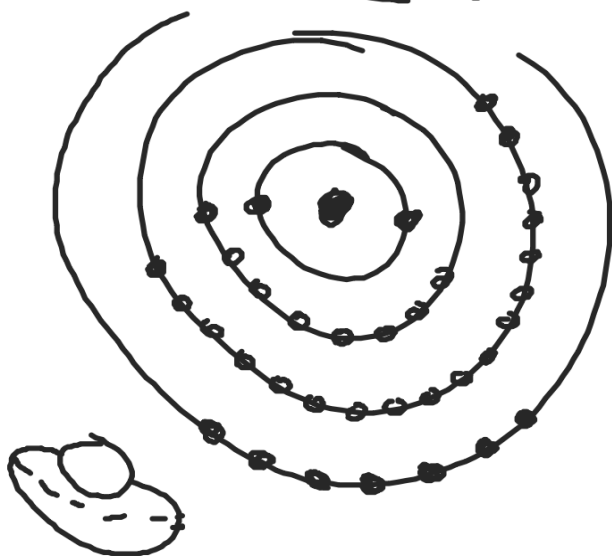
Bohr  
model



#8

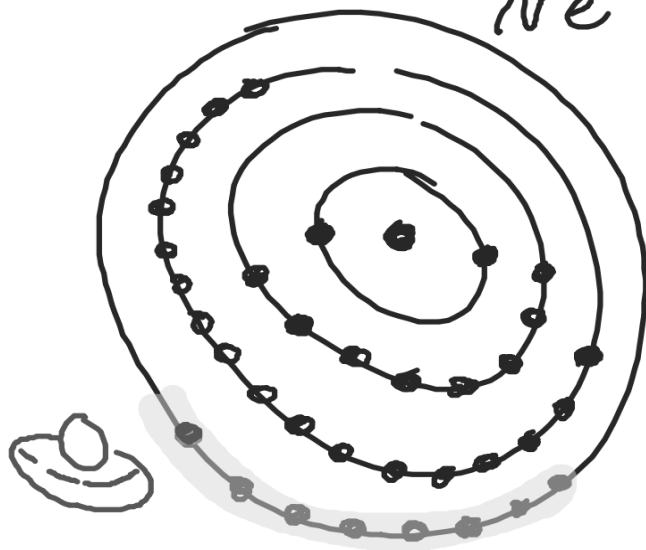
$$\begin{array}{rcl}
 80 & & 35 \text{ pt} \\
 35 \text{ Br} & & \underline{45} \text{ no} \\
 & & \underline{35} \text{ e}^- \\
 & & \underline{7} \text{ ve}^-
 \end{array}$$

PT  $\Rightarrow$  7A



#9

$80$   
 $35$   $\text{Br}^{\Delta \text{sign}}_{-1}$   $p^+$   $\frac{35}{45}$   
 $e^-$   $\frac{36}{8}$   
 $Ne^-$



Maximum # of  $ne^-$

8

Valence  $e^-$  model  $\Rightarrow$  Lewis Dot  
Diagram

# |

9



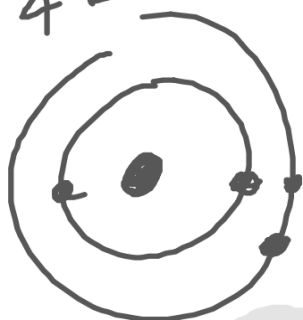
3

6

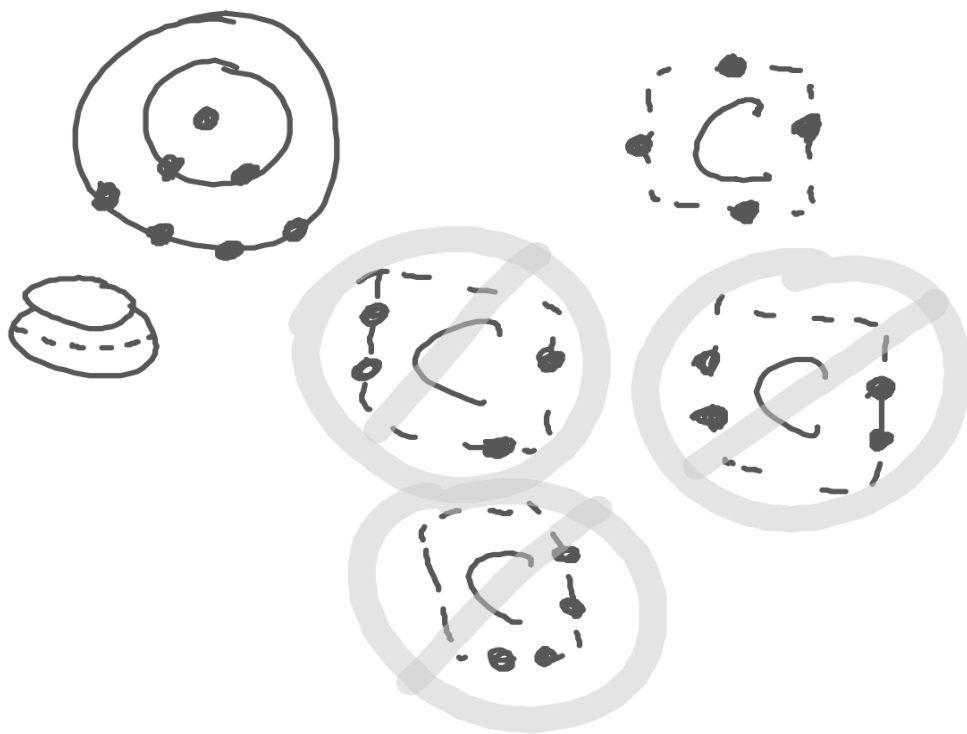
# 2

${}^{10}_4\text{Be}$

$e^- = 4$   
 $ne^- = 2$

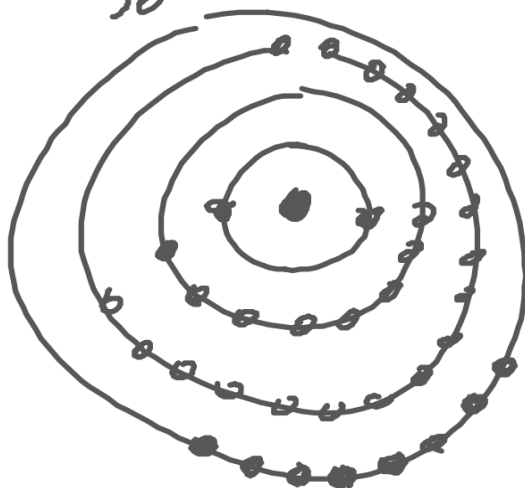


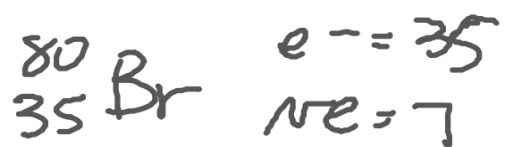
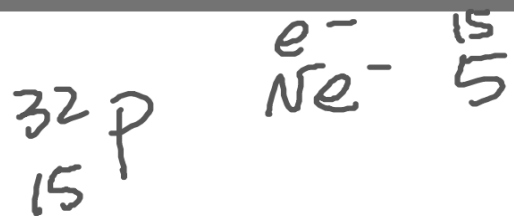
#4  $^{14}_6\text{C}$   $e^- = 6$   
 $ne^- = 4$



#10  $^{84}_{36}\text{Kr}$

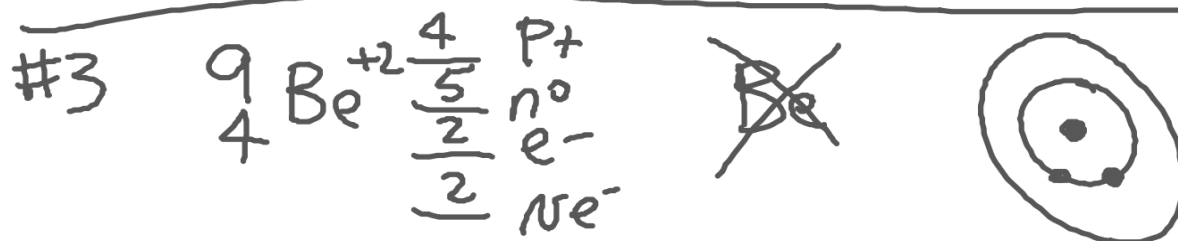
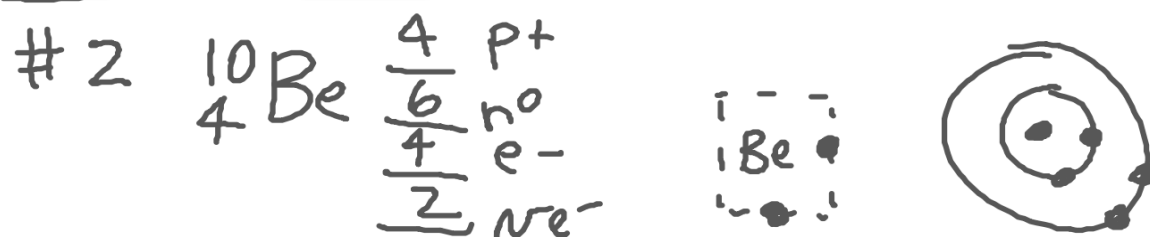
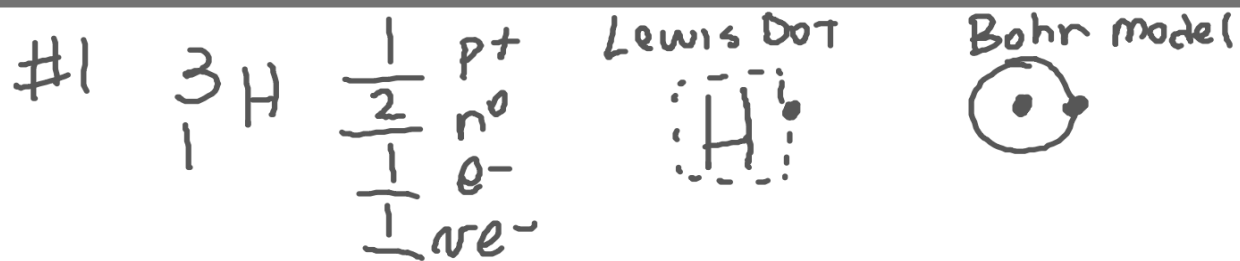
$$e^{-} = 36$$
$$ne^{-} = 8$$

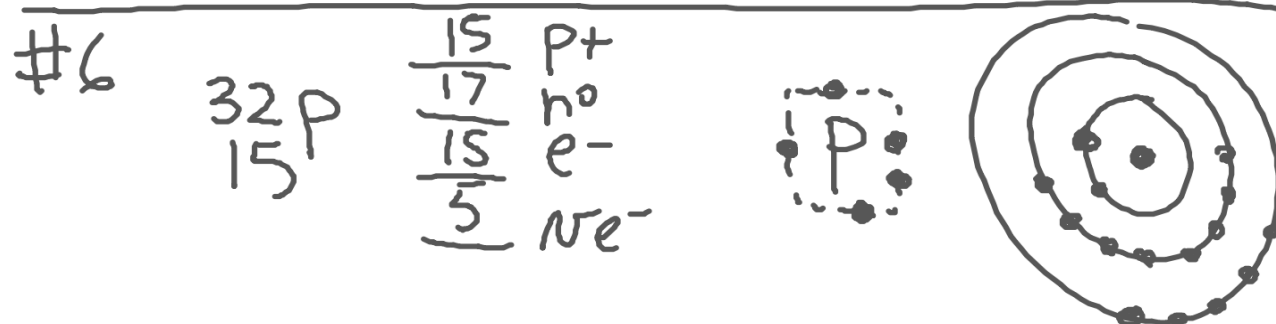
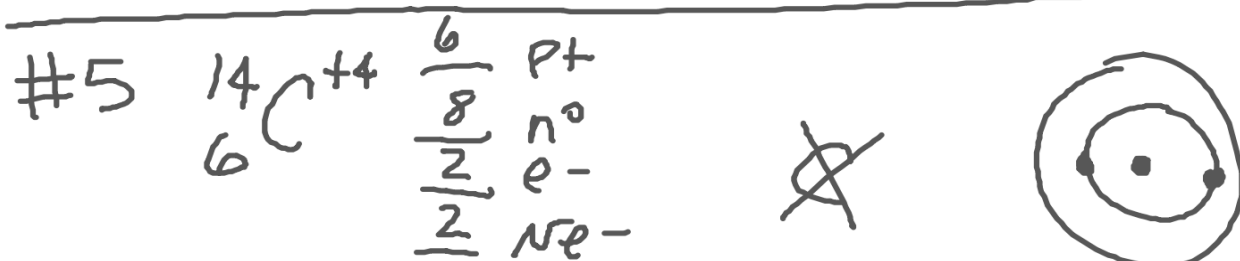
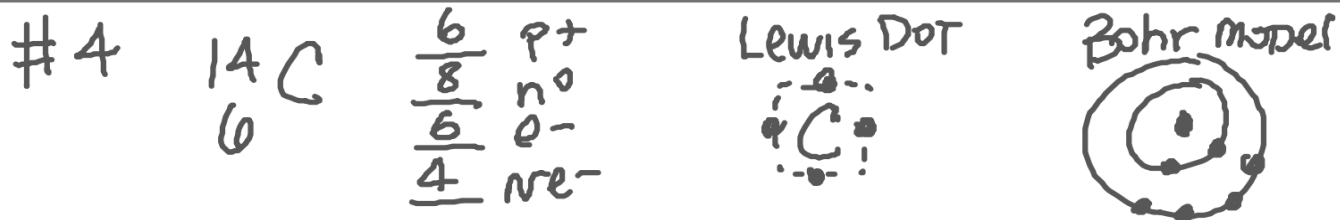


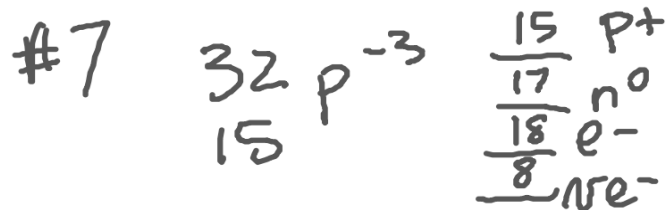




Na	$Ne^-$	Na
N	$Ne^-$	N
Cl	$Ne^-$	Cl
Ar	$Ne^-$	Ar
Al	$Ne^-$	Al



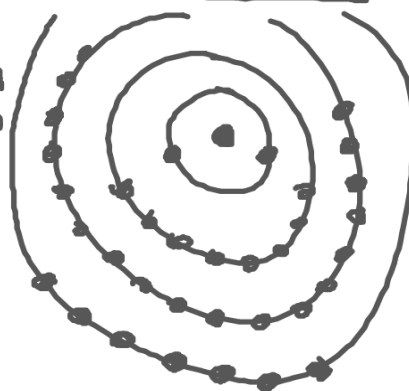
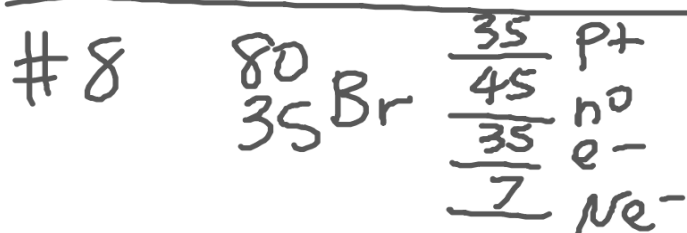
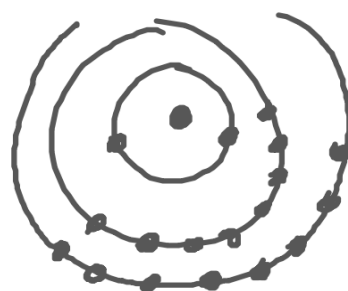


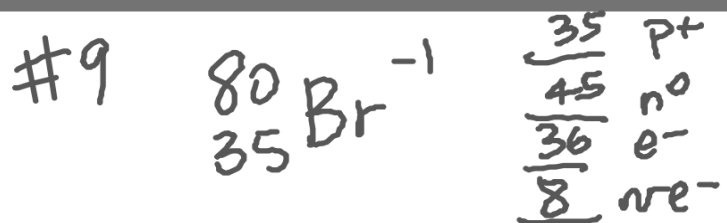


Lewis dot



Bohr model





LEWIS DOT Bohr

